POOR LEGIBILITY

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DUE TO THE QUALITY OF THE ORIGINAL

HAZARDOUS
SITE CONTROL
DIVISION

Remedial Planning/ Field Investigation Team (REM/FIT)

ZONE II

CONTRACT NO.
68-01-6692

CH2M HILL
Ecology &
Environment

CERCLA Site Inspection

West Bent Bolt
8625 South Dice Road
Santa Fe Springs, CA 90670

Purpose:	CERCLA Site Inspection
Site:	West Bent Bolt 8625 South Dice Road Santa Fe Springs, CA 90670

Site ERRIS ID Number:	CAD 004295572
Inspection ID Number:	C(85)C335
TDD Number:	R-09-8508-04
FIT Investigator(s):	Elaine Silvestro Luis Morales
Date of Inspection:	September 12, 1985
Report Prepared By:	Elaine Silvestro
Report Date:	January, 1986

ecology and environment, inc.
120 HOWARD STREET, SUITE #640, SAN FRANCISCO, CALIFORNIA 94105, TEL. 415-777-2811
international Specialists in the Environmental Sciences

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1.0 INTRODUCTION

A site inspection of West Bent Bolt, Division of Mid-West Fabrication Company was conducted on September 12, 1985, pursuant to the Environmental Protection Agency's (EPA) Technical Directive Document (TDD) R-09-8508-04. The primary purpose of this investigation was to gather information on historical waste management practices and local environmental factors to determine whether a potential threat exists to public health or the environment. This work was conducted by Ecology and Environment, Inc.'s (E & E) Field Investigation Team (FIT) under contract to EPA.

In gathering background information on the West Bent Bolt site, FIT personnel contacted individuals at several state and local agencies and conducted file searches at the Department of Health Services (DOHS) and California Regional Water Quality Control Board (RWQCB).

A list of individuals and organizations contacted is presented below (Contact Reports are presented in Appendix A):

Mary Osborne	California DOHS Toxic Substances Control Division Los Angeles, CA
George Fajar	Los Angeles County Flood Control Los Angeles, CA
Carole Kawamoto	California Regional Water Quality Control Board Los Angeles, CA
Juan Sanchez	Sanitation Districts of Los Angeles County Whittier, CA
Carl Sjoberg	Los Angeles County Engineers Los Angeles, CA

Information obtained from these sources was used to prepare the Site History and Description section of this report and to plan field investigation efforts summarized in Section 4.0. The EPA Site Inspection Form is included in Appendix B.

2.0 SITE HISTORY AND DESCRIPTION

2.1 Site Location

West Bent Bolt, Division of Mid-West Fabrication Company is located at 8623 South Dice Road, Santa Fe Springs, California. The site is situated on the corner of South Dice Road and Burke Street. The legal description of the site is longitude 118°03'40", and latitude 34°57'45" (see Figure 1).

The company is bounded by the Southern Pacific Railroad to the west. To the east is Fire Station No. 2 and Parker Fluidpower Cylinder Division. On the southern side is Pilot Chemical Company and a truck loading facility. To the north is Langerdorf Bakeries.

2.2 Site History

West Bent Bolt is a privately owned company which manufactures wire fasteners. The one acre facility consists of three buildings containing offices, a machine shop, a zinc plating area and a warehouse. The zinc plating area is located outside, with a roof over it which is attached to the original building (see Figure 2 for facility map).

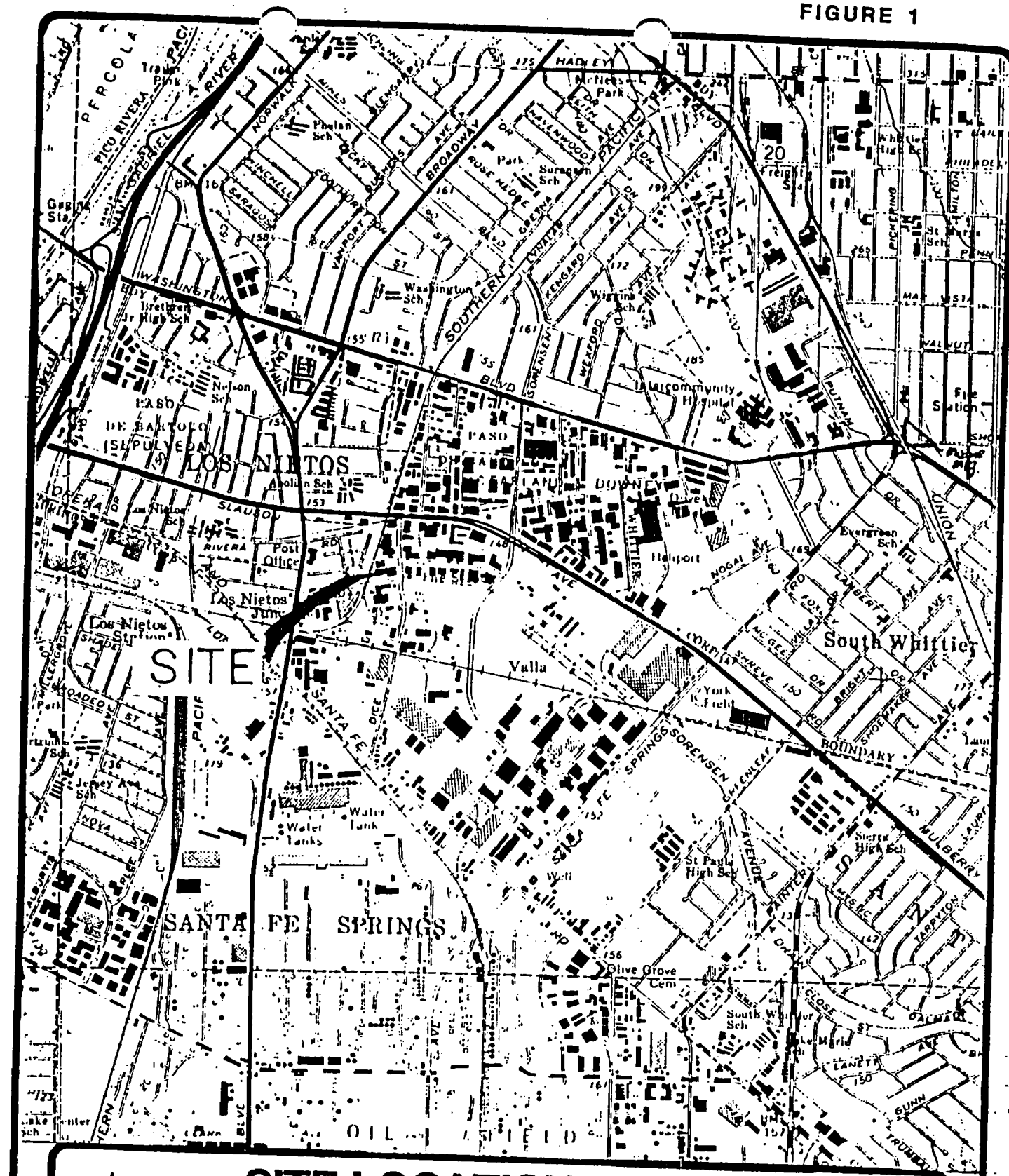
The machine shop was built in 1968 and the warehouse was added in 1976. Every building has concrete floors, including the zinc plating area. Most of the property is paved except for a small grass covered area at the main entrance (on South Dice Road) and the area near the railroad tracks. The site is fenced and not easily accessible.

The facility has occupied the site since 1964. In 1972, operations were expanded from manufacturing wire fasteners to include zinc plating. The owner and operator is West Bent Bolt, Division of Mid-West Fabrication Company.

Process Descriptions

West Bent Bolt has manufactured wire fasteners since 1964. The facility uses 1/4" to 1" in diameter wire as feedstock to produce the fasteners. The wire fasteners include U-bolts, I-bolts, J-bolts, etc. The fasteners are then zinc plated on-site. All finished products are removed by truck.

FIGURE 1



SITE LOCATION MAP

SCALE 1:24000

WEST BENT BOLT
SANTA FE SPRINGS, CA

SOURCE: USGS WHITTIER QUADRANGLE MAP

N

CALIF

QUADRANGLE LOCATION

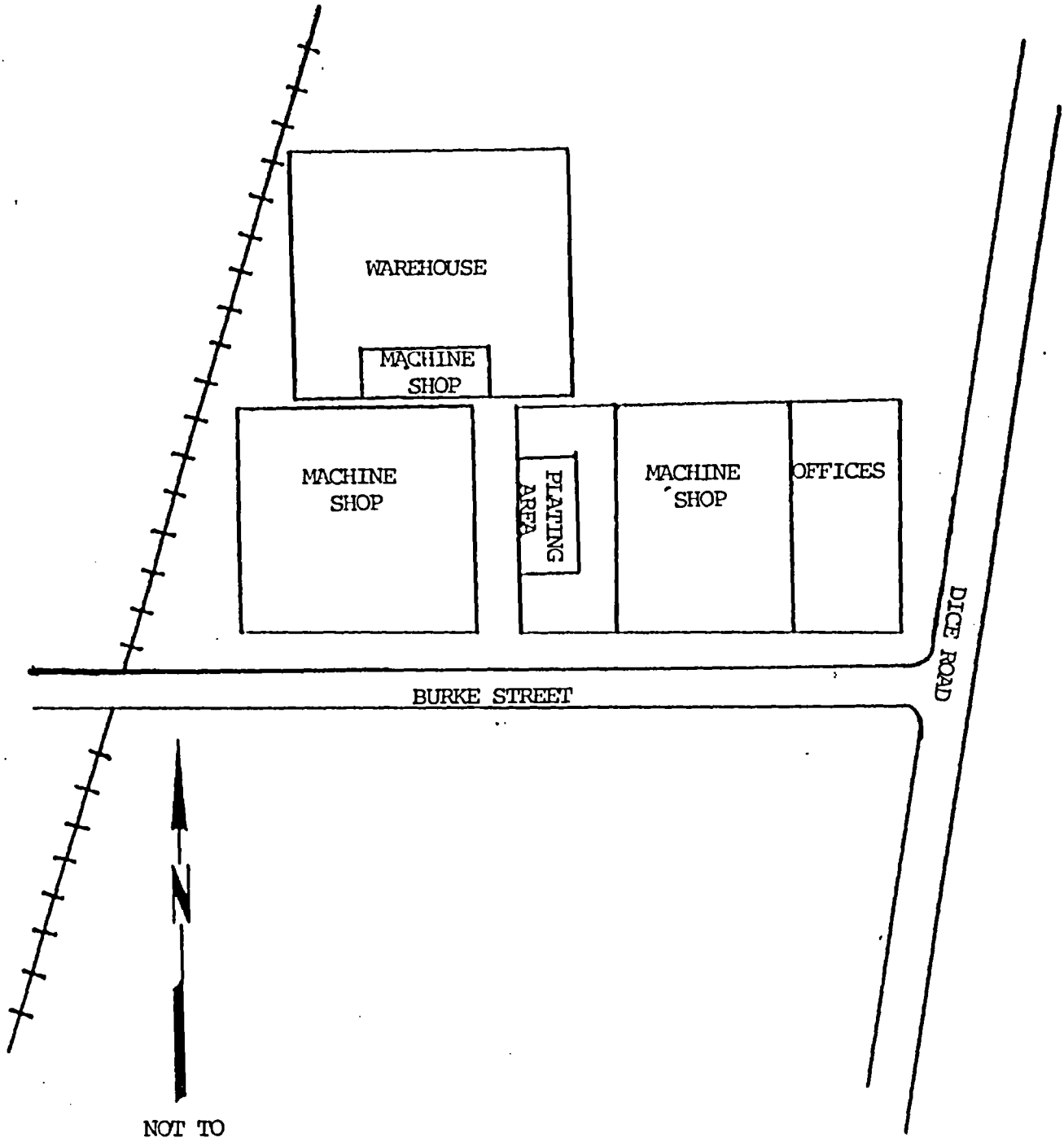


FIGURE 2

WEST BENT BOLT
SANTA FE SPRINGS, CA

2.3 Waste Management Practices

West Bent Bolt produces approximately 10,000 gallons per day of wastewater (Sanitation Districts of Los Angeles County, 1975). All tank-to-tank data is contained in Table 1. Wastewater from tanks 3, 5, 7, 10 and 11 flows to the 675 or 1,200 gallon clarifier where it is metered according to Wastewater Discharge Permit 3582. Sulphuric acid is added, if necessary, to maintain a pH of 6 to 9. Tanks containing caustic solutions are periodically emptied to the clarifier and are also metered and pH adjusted with sulfuric acid. When the pH is in the 6 to 9 range, the wastewater is discharged from the clarifier to the sewer. The hydrochloric acid water (tank 4) is treated separately with caustic, filter-pressed for precipitates and discharged into the sewer. The chromic acid and nitric acid solution (tank 9) is treated separately with meta bisulfate, caustic is added and the solution is filter-pressed for precipitates, and disposed of into the sewer. The electroplating solution (tank 8) is continuously recycled and is never disposed of.

There are three clarifiers; 2-675 gallon and 1-1,200 gallon. One of the 675 gallon clarifiers is presently not used but is operational. All three clarifiers are inside, underground and fabricated from concrete. The 675 gallon clarifiers extend 5-6 feet below ground level and the 1,200 gallon clarifier extends 7 feet below ground. At one time the piping system leading to and from the clarifiers was clay but was replaced with PVC (poly vinyl chloride) pipe.

All machinery including the zinc plating area is surrounded by individual berms to contain oil leaks and spills. Any leaks or spills are removed by using industrial absorbent.

The used absorbent and sludge from the filter presses and clarifiers is removed by Nash Salvage Company to an approved disposal facility (Kettleman Hills).

Rainwater is directed to a ditch running east-west between the buildings which discharges into the sewer. There appears to be little chance of any rainwater being contaminated from the zinc plating area since the area is bermed and covered by a roof. Washdown from the plating area is sent to the clarifier, treated and disposed of in the sewer.

Table 1

TANK-TO-TANK DATA FOR WEST BENT BOLT

Tank No.	Capy. in Gals.	Contents	pH of Bath	Temp. of Bath (°F)	Over-Flow Rate (gpm)	Comments
1	370	Caustic (Alkaline)	10	200°		
2	370	Caustic	12	180°		
3	750	Water Rinse	8	Room	1 1/2	Overflows to drainline
4	370	Hydrochloric Acid Water	2	75-90°		
5	750	Water Rinse	6	75°	1-1 1/2	Overflows to drainline
6	370	Caustic	12	130°		
7	370	Water Rinse	8	Room	1/2	Overflows to drainline
8	1,000	Zinc Metal Zinc Chloride Caustic Soda	11	75-90°		
9	300	Chromic Acid Nitric Acid	1-2	Room		
10	750	Water Rinse	8	Room	1-1 1/2	Overflows to drainline
11	300	Hot Water Rinse		140°	1/4	Overflows to drainline

2.4 Enforcement History

o Two 30 to 40 gallon spills of sodium cyanide were reported to Los Angeles County Engineers (LACE). The first occurred on February 15, 1974 on the property. The sodium cyanide was neutralized with hydrochloric acid and removed. The second spill occurred on February 1, 1978. This spill was left to evaporate until LACE instructed the company to clean up the residual.

o On October 14, 1975 the facility was given notice by LACE to clean out their clarifier by October 21, 1975.

o A Notice of Violation and Order to Comply was issued on June 2, 1981 by LACE to immediately cease and desist discharging oil to the ground (Los Angeles County Engineers, 1982). LACE re-inspected the facility and the problem still existed. After 1982, LACE was no longer responsible for the inspection of facilities in Santa Fe Springs and therefore the situation was never re-investigated. Since 1982, Los Angeles County Health Department (LACHD) has inspected facilities in Santa Fe Springs. The LACHD only recently became aware of the illegal discharge of oil to the ground at West Bent Bolt and is presently investigating the situation (LACHD, personal communication, 8/30/85).

o The clarifiers at the facility are currently regulated under the state underground tank program.

3.0 ENVIRONMENTAL SETTING/HRS FACTORS

3.1 Physical Setting

West Bent Bolt is located in the Coastal Plain area southwest of the San Gabriel Valley and the Puente Hills (SE 1/4, SE 1/4, Section 30, T.2.S, R.11.W, Los Angeles County). The central coastal plain (known as Santa Fe Springs Plain) consists of alluvial fans formed from aggradation of the Los Angeles, San Gabriel, and Santa Ana Rivers during the Late Pleistocene. These rivers originate in the bordering hills and mesas north and east of the area and empty in the San Pedro Bay (Pacific Ocean). Elevations at West Bent Bolt range from 145 to 150 feet above mean sea level with a resulting horizontal grade of less than one percent. Gradients increase north of the site.

West Bent Bolt is bordered on all sides by industrial areas. The closest residential areas are a quarter mile to the west and north. The residential areas include portions of Whittier and Santa Fe Springs. These two cities have a combined population of 100,000 people.

The industrial area is primarily related to petroleum activities including oil wells and refineries. Industrial development has generally grown parallel to the Atchinson, Topeka, and Santa Fe Railroad, which is three and a half miles southwest of the site.

3.2 Soils

Variable soil types are encountered in the Santa Fe Springs Plain. Well log number 1633 B (see Appendix C) located 400 feet from West Bent Bolt indicates "surface soil" to a depth of 10 feet underlain by approximately 30 feet of sand, gravel and silty clay and then clay to a depth of 53 feet.

3.3 Hydrogeology

West Bent Bolt is located on the Santa Fe Springs Plain which consists of terrace deposits of Upper Pleistocene Age. These deposits form a portion of the Montebello Forebay area.

The water-bearing sediments underlying the site range from Upper and Lower Pleistocene and extend to a depth of about 1,000 feet. The major water-bearing unit of interest is the Gasper aquier. The Gasper aquifer underlies the site at approximately 50 feet. The Gasper aquifer is composed of sand and gravel with some clay (see Appendix C). The aquifer is underlain by 6 feet of clay. Depth to groundwater is roughly 60 feet based on 1983 water level data in the area (Los Angeles County Flood Control District, 1983). The nearest drinking well (Well Log Number 1623 M) is one quarter mile to the northwest. This well supplies water to sixty families and does not draw water from the Gasper aquifer but from the next aquifer below, he Gardena aquifer which is at a depth of 143 feet (see Appendix C).

3.4 Surface Water

Most of the streams within the Santa Fe Springs Plain have intermittent flow. Flash floods occur during heavy rains. Under natural conditions these streams meander widely in shallow braided channels. Some of the major stream channels running through the area and into San Pedro Bay have been straightened and lined with concrete for flood control purposes. Sorensen Avenue Drain is located one-eighth of a mile to the east downgradient from West Bent Bolt. This drain eventually ends at the northern end of Coyote Creek which is three miles from the site. The San Gabriel River is located one and a quarter miles west of West Bent Bolt.

4.0 SUMMARY OF FIT INVESTIGATION EFFORTS

On September 12, 1985 a preliminary field inspection of West Bent Bolt was conducted by Luis Morales and Elaine Silvestro of the FIT. The primary purpose of this investigation was to collect historical waste disposal information to determine if a threat to public health or the environment exists.

Mr. Joseph Ruppert, West Bent Bolt's foreman, conducted the tour and answered questions relating to hazardous materials handling. A walk-through was conducted of the machine shop, zinc plating area and warehouse. The following observations were made:

- In the zinc plating area, the holding tank and most rinse tanks were empty;
- There was no evidence of any oil spilled near the railroad tracks, the area is now paved over with asphalt; and
- There was oil spilled outside the bermed areas of the machinery but the oil was covered with industrial absorbent.

In March 1976, a letter was written from West Bent Bolt to Los Angeles County Engineers (LACE). The letter informed LACE that an outside sump on the northern end of the property was being abandoned. According to blueprints at the Sanitation Districts of Los Angeles County there was no sump in that area but a catch basin for the 675 gallon clarifier. Mr. Joseph Ruppert informed FIT that the soil from the catch basin was removed when the foundation for the warehouse was built in 1976.

5.0 CONCLUSIONS AND RECOMMENDATIONS

West Bent Bolt began operations in 1964 and added zinc plating in 1971. The plant uses steel wire as feedstock to produce different types of bolts. FIT recommends no further action at the West Bend site. Due to the following factors.

o All hazardous wastes are disposed of off-site. The sludge from the filter presses and the used industrial absorbent are hauled to approved disposal sites. Pre-treated process water and rainwater runoff are discharged to the sewer.

o The three underground clarifiers are regulated under the State's Underground Storage Tank (UST) Program, which requires registration and installation of leak monitoring systems. In Los Angeles County the UST Program is under the purview of RWQCB.

FIT recommends that when results of the tank monitoring program are provided to the RWQCB they be used to update the CERCLIS file and EPA Site Inspection Form.

6.0 REFERENCES

County of Los Angeles, Department of County Engineer, Sanitation Division.

Los Angeles County Flood Control District, Well Log Information, 1985.

Los Angeles County Health Department, telephone communication with Ken Smith, August 30, 1985.

Sanitation Districts of Los Angeles County, Industrial Wastewater Discharge Permit No. 3582.

Appendix A

CONTACT LOG AND REPORTS

CONTACT REPORT

AGENCY: Department of Health Services

ADDRESS: 107 S. Broadway, Los Angeles, CA

PERSON CONTACTED: Mary Osborne

FROM: Elaine Silvestro

TO: File - West Bent Bolt

DATE: August 21, 1985

SUBJECT: West Bent Bolt, Santa Fe Springs, CA

FIT reviewed the file on West Bent Bolt in Department of Health Services. There was no new information provided.

CONTACT REPORT

AGENCY: Los Angeles County Flood Control

ADDRESS: 2250 Alcazar, Los Angeles, CA

PERSON CONTACTED: George Fajar

FROM: Elaine Silvestro

TO: File - West Bent Bolt

DATE: August 30, 1985

SUBJECT: West Bent Bolt, Santa Fe Springs, CA

FIT acquired well logs for wells near West Bent Bolt. This information was used to determine the exact geology under the site.

CONTACT REPORT

AGENCY: California Regional Water Quality Control Board

ADDRESS: 107 S. Broadway, Los Angeles, CA

PERSON CONTACTED: Carole Kawamoto

FROM: Elaine Silvestro

TO: File - West Bent Bolt

DATE: October 4, 1985

SUBJECT: West Bent Bolt, Santa Fe Springs, CA

FIT spoke with Carole Kawamoto about regulations and laws concerning underground storage tanks/containers. She provided copies of all laws and forms applicable to underground tanks/containers.

CONTACT REPORT

AGENCY: Sanitation Districts of Los Angeles County

ADDRESS: 1955 Workman Mill Road, Whittier, CA

PERSON CONTACTED: Juan Sanchez

FROM: Elaine Silvestro

TO: File - West Bent Bolt

DATE: August 27, 1985

SUBJECT: West Bent Bolt, Santa Fe Springs, CA

FIT reviewed file and copied blueprints of West Bent Bolt. These plans were used to locate abandoned "sump" described in file. The "sump" was never located.

CONTACT REPORT

AGENCY: Los Angeles County Engineers

ADDRESS: 2250 Alcazar, Los Angeles, CA

PERSON CONTACTED: Carl Sjoberg

FROM: Elaine Silvestro

TO: File - West Bent Bolt

DATE: October 21, 1985

SUBJECT: West Bent Bolt, Santa Fe Springs, CA

Carl Sjoberg checked if West Bent Bolt had registered their clarifiers. According to a list updated in June, they had not but could have since. He also explained the basics of the law, its implications and procedures.

CONTACT REPORT

AGENCY: Los Angeles County Health Department (LACHD)

ADDRESS: 2615 South Grand Avenue, Los Angeles, CA

PERSON CONTACTED: Ken Smith

FROM: Elaine Silvestro

TO: File - West Bent Bolt

DATE: August 30, 1985

SUBJECT: West Bent Bolt, Santa Fe Springs, CA

Ken Smith informed me that the LACHD is now inspecting facilities in Santa Fe Springs, California. He was unaware that West Bent Bolt comply to cease and desist discharging oil to the ground by the LACE. The LACHD will followup to see if the cleanup was done.

Appendix B

POTENTIAL HAZARDOUS WASTE SITE INSPECTION REPORT,
EPA FORM 2070-13

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0361

II. SITE NAME AND LOCATION

01 Site Name (Legal, common, or descriptive name of site)	02 Street, Route No., or Specific Location Identifier				
West Bert Bolt	8623 South Dice Road				
03 City	**04 State**	**05 Zip Code**	**06 County**	**07 County Code**	**08 Cong Dist**
Santa Fe Springs	CA	90670	Los Angeles	037	33

09 Coordinates Latitude	Longitude	10 Type of Ownership (Check one)
34°57'45.0"	118°03'40.0"	☒ A. Private ☐ B. Federal _____ ☐ C. State ☐ D. County ☐ E. Municipal ☐ F. Other _____ ☐ G. Unknown

III. INSPECTION INFORMATION

01 Date of Inspection	02 Site Status	03 Years of Operation
09/12/85 (Month Day Year)	☒ Active ☐ Inactive	1964 (Beginning Year) | Present (Ending Year) ____ Unknown

04 Agency Performing Inspection (Check all that apply)
☐ A. EPA ☒ B. EPA Contractor Ecology & Environment (Name of firm) ☐ C. Municipal ☐ D. Municipal Contractor _____ (Name of firm)
☐ E. State ☐ F. State Contractor _____ (Name of firm) ☐ G. Other _____ (Specify)

05 Chief Inspector	06 Title	07 Organization	08 Telephone No.
Elaine Silvestro	Chemical Engineer	E & E	(213) 481-3870
09 Other Inspectors	**10 Title**	**11 Organization**	**12 Telephone No.**
Luis Morales	Geologist	E & E	(213) 481-3870
			( )
			( )
			( )
			( )

13 Site Representatives Interviewed	14 Title	15 Address	16 Telephone No.
Joseph Ruppert	Chief Engineer	8623 South Dice Road	(213) 698-9615
			( )
			( )
			( )
			( )
			( )

17 Access Gained By (Check one)	18 Time of Inspection	19 Weather Conditions
☒ Permission ☐ Warrant	9:30 am	Sunny, 75°F

IV. INFORMATION AVAILABLE FROM

01 Contact	02 Of (Agency/Organization)	03 Telephone No.
John Moe	E & E	(415) 777-2811

04 Person Responsible for Site Inspection Form	05 Agency	06 Organization	07 Telephone No.	08 Date
Elaine Silvestro	FIT	E & E	(213) 481-3870	09/18/85 (Month Day Year)

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

I. IDENTIFICATION	
01 State: CA	02 Site Number: 0361

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 Physical States (Check all that apply)

- [ ] A. Solid
- [ ] B. Powder, Fines
- [x] C. Sludge
- [ ] D. Other _____ (Specify)
- [ ] E. Slurry
- [x] F. Liquid
- [ ] G. Gas

02 Waste Quantity at Site (Measure of waste quantities must be independent)

Tons: unknown
Cubic Yards: ?
No. of Drums: unknown

03 Waste Characteristics (Check all that apply)

- [x] A. Toxic
- [x] B. Corrosive
- [ ] C. Radioactive
- [x] D. Persistent
- [ ] E. Soluble
- [ ] F. Infectious
- [ ] G. Flammable
- [ ] H. Ignitable
- [ ] I. Highly Volatile
- [ ] J. Explosive
- [ ] K. Reactive
- [ ] L. Incompatible
- [ ] M. Not Applicable

III. WASTE TYPE

Category	Substance Name	01 Gross Amount	02 Unit of Measure	03 Comments
SLU	Sludge	unknown	unknown	
OLW	Oily Waste			
SOL	Solvents			
PSD	Pesticides			
OCC	Other Organic Chemicals			
IOC	Inorganic Chemicals			
ACD	Acids	unknown	unknown	
BAS	Bases	unknown	unknown	
MES	Heavy Metals	unknown	unknown	

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 Category	02 Substance Name	03 CAS Number	04 Storage/Disposal Method	05 Concentration	06 Measure of Concentration
	zinc metal				
	[illegible]				
	sodium hydroxide	246.1310-73-2			
	hydrochloric acid	155.7647-01-0			
	nitric acid	202.7697-23-2			
	chromic acid	84.7738-94-5			
	zinc chloride	292.7646-85-7			

V. FEEDSTOCKS (See Appendix for CAS Numbers)

Category	01 Feedstock Name	02 CAS Number	Category	01 Feedstock Name	02 CAS Number
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA Site File, Site Inspection

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 State	02 Site Number
CA	0361

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. Groundwater Contamination — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

N/A

01 ☐ B. Surface Water Contamination — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

"

01 ☐ C. Contamination of Air — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

"

01 ☐ D. Fire/Explosive Conditions — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

"

01 ☐ E. Direct Contact — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

"

01 ☒ F. Contamination of Soil — 02 ☒ Observed (Date: _____) ☐ Potential ☒ Alleged
03 Area Potentially Affected: unknown 04 Narrative Description

Feburary 1974 Sodium Cyanide spilled onto property, neutralized & removed, June 2, 1981 Notice of Violation & Order to Comply to Clean up remove oily wastes from soil on RR tracks behind property

01 ☐ G. Drinking Water Contamination — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

N/A

01 ☐ H. Worker Exposure/Injury — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
03 Workers Potentially Affected: _____ 04 Narrative Description

"

01 ☐ I. Population Exposure/Injury — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
03 Population Potentially Affected: _____ 04 Narrative Description

"

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0361

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

J. Damage to Flora — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
03 Narrative Description

N/A

K. Damage to Fauna — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
04 Narrative Description

"

L. Contamination of Food Chain — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
04 Narrative Description

"

M. Unstable Containment of Wastes (Spills/Runoff/Standing liquids, Leaking drums) — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
03 Population Potentially Affected: _____
04 Narrative Description

M See Section F

N. Damage to Offsite Property — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
04 Narrative Description

February 1978 Sodium Cyanide spilled onto Dice Road, neutralized and removed.

O. Contamination of Sewers, Storm Drains, WWTPs — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
04 Narrative Description

N/A

P. Illegal/Unauthorized Dumping — 02 ☐ Observed (Date: _____) ☐ Potential ☐ Alleged
04 Narrative Description

"

05 Description of Any Other Known, Potential, or Alleged Hazards

N/A

III. TOTAL POPULATION POTENTIALLY AFFECTED:

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

DOHS, LA County Engineers

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0361

II. PERMIT INFORMATION

01 Type of Permit Issued (Check all that apply)	02 Permit Number	03 Date Issued	04 Expiration Date	05 Comments
☐ A. NPDES				
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☐ G. STATE (Specify)				
☒ H. Local (Specify)	3933			City of Santa Fe Springs Industrial Waste Disposal Permit
☒ I. Other (Specify)	3582			LA County Industrial Waste Waters Discharge Permit
☐ J. None				

III. SITE DESCRIPTION

01 Storage/Disposal (Check all that apply)	02 Amount	03 Unit of Measure
☐ A. Surface Impoundment		
☐ B. Piles		
☐ C. Drums, Above Ground		
☒ D. Tank, Above Ground	275	gallon
☒ E. Tank, Below Ground	1-1200, 2-675	gallon
☐ F. Landfill		
☐ G. Landfarm		
☐ H. Open Dump		
☐ I. Other (Specify)		

04 Treatment (Check all that apply)
- ☐ A. Incineration
- ☐ B. Underground Injection
- ☒ C. Chemical/Physical
- ☐ D. Biological
- ☐ E. Waste Oil Processing
- ☐ F. Solvent Recovery
- ☐ G. Other Recycling/Recovery
- ☐ H. Other (Specify)

05 Other
- ☒ A. Buildings On Site

06 Area of Site: 1 (Acres)

07 Comments

IV. CONTAINMENT

01 Containment of Wastes (Check one)
☐ A. Adequate, Secure ☒ B. Moderate ☐ C. Inadequate, Poor ☐ D. Insecure, Unsound, Dangerous

02 Description of Drums, Diking, Liners, Barriers, etc.
All machinery including zinc plating area is bermed.

V. ACCESSIBILITY

01 Waste Easily Accessible: ☒ Yes ☐ No
02 Comments: Zinc plating area is open and unfenced.

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site Inspection
LA County Engineer
EPA Files
On-site observation

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0361

II. DRINKING WATER SUPPLY

01 Type of Drinking Supply (Check as applicable)

	SURFACE	WELL
Community	A. ☐	B. ☒
Non-Community	C. ☐	D. ☐

02 Status

	ENDANGERED	AFFECTED	MONITORED
	A. ☐	B. ☐	C. ☐
	D. ☐	E. ☐	F. ☐

03 Distance to Site
A. .25 (mi)
B. _____ (mi)

III. GROUNDWATER

Groundwater Use in Vicinity (Check one)

☐ A. Only Source for Drinking
☒ B. Drinking (Other sources available) Commercial, Industrial, Irrigation (No other water sources available)
☐ C. Commercial, Industrial, Irrigation (Limited other sources available)
☐ D. Not Used, Unuseable

Population Served by Ground Water: 60 families
03 Distance to Nearest Drinking Water Well: .25 (mi)

04 Depth to Groundwater	05 Direction of Groundwater Flow	06 Depth to Aquifer of Concern	07 Potential Yield of Aquifer	08 Sole Source Aquifer
60 (ft)	south	50 (ft)	_____ (gpd)	☒ Yes ☐ No

09 Description of Wells (Including useage, depth, and location relative to population and buildings)
Depth of 370 feet. Perforations at 152-157 feet, 330-333 feet and 342-346 feet.

I Recharge Area	Comments	II Discharge Area	Comments
☐ Yes		☐ Yes	
☒ No		☐ No	

IV. SURFACE WATER

01 Surface Water (Check one)

☐ A. Reservior, Recreation Drinking Water Source
☐ B. Irrigation, Economically Important Resources
☐ C. Commercial, Industrial
☐ D. Not Currently Used

02 Affected/Potentially Affected Bodies of Water

Name:	Affected	Distance to Site
_____	☐	_____ (mi)
_____	☐	_____ (mi)
_____	☐	_____ (mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 Total Population Within

One (1) Mile of Site	Two (2) Miles of Site	Three (3) Miles of Site
A. _____ No. of Persons	B. _____ No. of Persons	C. >10,000 No. of Persons

02 Distance to Nearest Population: .25 (mi)

03 Number of Buildings Within Two (2) Miles of Site: _____

04 Distance to Nearest Off-Site Building: .05 (mi)

05 Population Within Vicinity of Site (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

All adjacent areas are commercial/industrial, nearest residential areas are .25 mile to the west and north. There is a school & playground .25 mile to the north.

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0361

VI. ENVIRONMENTAL INFORMATION

Permeability of Unsaturated Zone (Check one)

☐ A. 10^{-6} - 10^{-8} cm/sec ☒ B. 10^{-4} - 10^{-6} cm/sec ☐ C. 10^{-4} - 10^{-3} cm/sec ☐ D. Greater Than 10^{-3} cm/sec

Permeability of Bedrock (Check one)

☐ A. Impermeable (Less than 10^{-6} cm/sec) ☐ B. Relatively Impermeable (10^{-4} - 10^{-6} cm/sec) ☐ C. Relatively Permeable (10^{-2} - 10^{-4} cm/sec) ☐ D. Very Permeable (Greater Than 10^{-2} cm/sec)

03 Depth to Bedrock	04 Depth of Contaminated Soil Zone	05 Soil pH
>378 (ft)	unknown (ft)	unknown

06 Net Precipitation	07 One Year 24 Hour Rainfall	08 Slope: Site Slope	Direction of Site Slope	Terrain Average Slope
4-12 mean annual (in)	3.0 (in)	0-1 %	SE	0-1 %

09 Flood Potential
Site is in N/A Year Floodplain

10
☐ Site is on Barrier Island, Coastal High Hazard Area, Riverine Floodway

11 Distance to Wetlands (5 acre minimum)

ESTUARINE	OTHER
A. N/A (mi)	B. _____ (mi)

12 Distance to Critical Habitat (of endangered species)
_____ (mi)
Endangered Species: _____

13 Land Use in Vicinity

Distance to:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AGRICULTURAL LANDS: AG LAND
A. 0 (mi)	B. .25 (mi)	C. _____ (mi)	D. _____ (mi)

14 Description of Site in Relation to Surrounding Topography

Site is relatively flat with a slight overall slope to the Southeast.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site Inspection
LA County Engineers
EPA files
On-site observation

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0361

II. SAMPLES TAKEN

Sample Type	01 Number of Samples Taken	02 Samples Sent To	03 Estimated Date Results Available
Groundwater			
Surface Water			
Waste		No samples collected	
Air			
Runoff			
Spill			
Soil			
Vegetation			
Other			

III. FIELD MEASUREMENTS TAKEN

01 Type	02 Comments
	No field measurements made

IV. PHOTOGRAPHS AND MAPS

01 Type: [X] Ground [X] Aerial

02 In Custody of: Ecology & Environment, Inc., L.A., CA
(Name of organization or individual)

03 Maps: [X] Yes [ ] No

04 Location of Maps: Files of Ecology & Environment, Inc., Los Angeles, CA

V. OTHER FIELD DATA COLLECTED (provide narrative description)

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site Inspection
LA County Engineers
EPA Files
On-Site observation

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION	
01 State	02 Site Number
CA	0361

II. CURRENT OWNER(S)

01 Name	02 D+B Number	03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	05 City	06 State	07 Zip Code
Mid-West Fabricating Co.		8623 S. Dice Rd		Santa Fe Springs	CA	90670

PARENT COMPANY (If applicable)

08 Name	09 D+B Number	10 Street Address (P.O. Box, RFD #, etc.)	11 SIC Code	12 City	13 State	14 Zip Code

III. PREVIOUS OWNER(S) (List most recent first)

01 Name	02 D+B Number	03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	05 City	06 State	07 Zip Code

IV. REALTY OWNER(S) (If applicable, list most recent first)

01 Name	02 D+B Number	03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	05 City	06 State	07 Zip Code

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART B - OPERATOR INFORMATION

I. IDENTIFICATION	
01 State: CA	02 Site Number: 0361

II. CURRENT OPERATOR (Provide if different from owner)

01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City	06 State / 07 Zip Code
08 Years of Operation	09 Name of Owner

OPERATOR'S PARENT COMPANY (If applicable)

10 Name	11 D+B Number
12 Street Address (P.O. Box, RFD #, etc.)	13 SIC Code
14 City	15 State / 16 Zip Code

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)

01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City	06 State / 07 Zip Code
08 Years of Operation	09 Name of Owner During This Period

PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)

10 Name	11 D+B Number
12 Street Address (P.O. Box, RFD #, etc.)	13 SIC Code
14 City	15 State / 16 Zip Code

01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City	06 State / 07 Zip Code
08 Years of Operation	09 Name of Owner During This Period

10 Name	11 D+B Number
12 Street Address (P.O. Box, RFD #, etc.)	13 SIC Code
14 City	15 State / 16 Zip Code

01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City	06 State / 07 Zip Code
08 Years of Operation	09 Name of Owner During This Period

10 Name	11 D+B Number
12 Street Address (P.O. Box, RFD #, etc.)	13 SIC Code
14 City	15 State / 16 Zip Code

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 State	02 Site Number
CA	0361

II. ON-SITE GENERATOR

01 Name	02 D+B Number	
West Bent Bolt		
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	
8623 S. Dice Rd		
05 City	06 State	07 Zip Code
Santa Fe Springs	CA	90670

III. OFF-SITE GENERATOR

01 Name	02 D+B Number	01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City	06 State / 07 Zip Code	05 City	06 State / 07 Zip Code
01 Name	02 D+B Number	01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City	06 State / 07 Zip Code	05 City	06 State / 07 Zip Code

IV. TRANSPORTER(S)

01 Name	02 D+B Number	01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City	06 State / 07 Zip Code	05 City	06 State / 07 Zip Code
01 Name	02 D+B Number	01 Name	02 D+B Number
03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code	03 Street Address (P.O. Box, RFD #, etc.)	04 SIC Code
05 City	06 State / 07 Zip Code	05 City	06 State / 07 Zip Code

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0361

II. PAST RESPONSE ACTIVITIES

01 ☐ A. Water Supply Closed — 02 Date _____ — 03 Agency _____
04 Description N/A

01 ☐ B. Temporary Water Supply Provided — 02 Date _____ — 03 Agency _____
04 Description "

01 ☐ C. Permanent Water Supply Provided — 02 Date _____ — 03 Agency _____
04 Description "

01 ☒ D. Spilled Material Removed — 02 Date 2/74 & 2/78 — 03 Agency _____
04 Description Sodium Cyanide neutralized and removed.

01 ☒ E. Contaminated Soil Removed — 02 Date ? — 03 Agency _____
04 Description oily soil removed from behind property near RR tracks

01 ☐ F. Waste Repackaged — 02 Date _____ — 03 Agency _____
04 Description N/A

01 ☐ G. Waste Disposed Elsewhere — 02 Date _____ — 03 Agency _____
04 Description "

01 ☐ H. On Site Burial — 02 Date _____ — 03 Agency _____
04 Description "

01 ☐ I. In Situ Chemical Treatment — 02 Date _____ — 03 Agency _____
04 Description "

01 ☐ J. In Situ Biological Treatment — 02 Date _____ — 03 Agency _____
04 Description "

01 ☐ K. In Situ Physical Treatment — 02 Date _____ — 03 Agency _____
04 Description "

01 ☐ L. Encapsulation — 02 Date _____ — 03 Agency _____
04 Description "

01 ☐ M. Emergency Waste Treatment — 02 Date _____ — 03 Agency _____
04 Description "

01 ☐ N. Cutoff Walls — 02 Date _____ — 03 Agency _____
04 Description "

01 ☐ O. Emergency Diking/Surface Water Diversion — 02 Date _____ — 03 Agency _____
04 Description "

01 ☐ P. Cutoff Trenches/Sump — 02 Date _____ — 03 Agency _____
04 Description "

01 ☐ Q. Subsurface Cutoff Wall — 02 Date _____ — 03 Agency _____
04 Description "

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 State: CA | 02 Site Number: 0361

II. PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. Barrier Walls Constructed — 02 Date _____ — 03 Agency _____
04 Description: N/A

01 ☐ S. Capping/Covering — 02 Date _____ — 03 Agency _____
04 Description: "

01 ☐ T. Bulk Tankage Repaired — 02 Date _____ — 03 Agency _____
04 Description: "

01 ☐ U. Grout Curtain Constructed — 02 Date _____ — 03 Agency _____
04 Description: "

01 ☐ V. Bottom Sealed — 02 Date _____ — 03 Agency _____
04 Description: "

01 ☐ W. Gas Control — 02 Date _____ — 03 Agency _____
04 Description: "

01 ☐ X. Fire Control — 02 Date _____ — 03 Agency _____
04 Description: "

01 ☐ Y. Leachate Treatment — 02 Date _____ — 03 Agency _____
04 Description: "

01 ☐ Z. Area Evacuated — 02 Date _____ — 03 Agency _____
04 Description: "

01 ☐ 1. Access to Site Restricted — 02 Date _____ — 03 Agency _____
04 Description: "

01 ☐ 2. Population Relocated — 02 Date _____ — 03 Agency _____
04 Description: "

01 ☒ 3. Other Remedial Activities — 02 Date ? — 03 Agency _____
04 Description: Clay piping removed and replaced with PVC piping from plating area to clarifier to sewer. (ordered by L.A. County Engineers)

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site Inspection
LA County Engineers
EPA Files
On-site observation

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION	
01 State	02 Site Number
CA	0361

II. ENFORCEMENT INFORMATION

01 Past Regulatory/Enforcement Action ☐ Yes ☐ No

02 Description of Federal, State, Local Regulatory/Enforcement Action

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Appendix C

SUPPORTING DOCUMENTS

FROM	TO	CLASSIFICATION OF MATERIALS	FROM	TO	CLASSIFICATION OF MATERIALS
643	653	Blue gray mudstone, greasy clayey			
653	673	Blue gray slightly clayey fine sandy silt.			
673	683	Light gray brown sh			
683	694	Dark gray brown sh			
694	704	Blue gray shale			

LOG OF WELL NO. 1633B

-2-

LOG OF WELL NO. 1633B

FROM	TO	CLASSIFICATION OF MATERIALS	FROM	TO	CLASSIFICATION OF MATERIALS
0	10	Surface soil			
10	40	Sand, gravel, silty clay			
40	53	Brown clay			
53	63	Reddish brown shale			
63	102	Medium & coarse sand, ½" to 1" pebbles			
102	108	Brown silty clay			
108	121	Fine & medium grained sands.			
121	143	Brown clay and silt.			
143	173	Fine to med. sand, pebbles ½" to 1½"			
173	193	Gray brown silty			
193	203	Gray brown sandy silt.			
203	213	Gray fine sand.			
213	223	Gray fine to med sand, pebbles to ¼"			
223	233	Gray silt and sand.			
233	243	Reddish brown silt & sand.			
243	263	Medium sand, some pebbles			
263	283	Gray brown silt			
283	293	Reddish brown silt			
293	303	Reddish brown silt & sand			
303	313	Gray brown silt & clay			
313	323	Light brown silt & fine sand.			
323	383	Coarse & medium sand with 3/4" to 1" gravel lenses			
383	393	Bluish gray clay			
393	403	Light brown fine sandy silt			
403	413	Light grayish brown fine sandy silt			
413	423	Gray-brown well indurated siltstone			
423	433	Fine to medium sand			
433	473	Light gray brown silt and fine sand interbedded			
473	483	Light gray brown fine sandy silt			
483	493	Fine to medium sand			
493	503	Light brown sandy silt			
503	513	Reddish brown shale, medium indurated			
513	573	Blue gray mudstone			
573	583	Brown shale with blue gravel streaks.			
583	593	Blue gray siltstone, indurated			
593	603	Blue gray shale			
603	643	Light brown shale	(Continued on Sheet 1-A)		

Perforations 200' — 288';
300' — 900'

Struck water at 106'

Water level before perf. 106' after perf. 106'

Remarks Well casing gravel packed

(over)

1633 B

LOG OF WELL NO. 1633B

FROM	TO	CLASSIFICATION OF MATERIALS	FROM	TO	CLASSIFICATION OF MATERIALS
0	10	Surface soil			
10	40	Sand, gravel, silty clay			
40	53	Brown clay			
53	63	Reddish brown shale			
63	102	Medium & coarse sand, ¼ to 1" pebbles			
102		Brown silty clay			
108		Fine & medium grained sand			
121	143	Brown clay and silt			

LOG OF WELL NO. 1633B

FROM	TO	CLASSIFICATION OF MATERIALS	FROM	TO	CLASSIFICATION OF MATERIALS
643	653	Blue gray mudstone, greasy clayey			
653	673	Blue gray slightly clayey fine sandy silt.			
673	683	Light gray brown shale			
683	694	Dark gray brown shale			
694	704	Blue gray shale			
704	724	Blue green clay & silt			
724	754	Gray brown siltstone, micaceous. Shells			
754	804	Blue gray silt & clay			
804	826	Green sandy siltstone			
826	834	Gray green sand & gravel			
834	844	Gray green sand & silt, fossils, wood			
844	854	Greenish gray coarse sand			
854	874	Greenish gray tough siltstone			
874	884	Greenish gray sand & gravel to 1".			
884	894	Gray brown fine grained siltstone			
894	904	Gray well indurated fine grained sandstone			
		(Above log compiled from drillers log #30410 from cuttings log from City of Santa Fe Springs, by CCC of Advisory Section)			

Perforations 200'-288'; 300'-900'

Struck water at

Water level before perf. after perf.

Remarks

(over)

1633 B

LACFCD LOC. NUMBER	MO-DA-YR	M	WATER SURF. ELEV.	D M	REF. POINT TO WS	REF. POINT ELEV.	GRND. SURF. TO WS	GRND. SURF. ELEV.	O B S
1633 B	7 31 77		58.0		93.0	151.0	92.5	150.5	2
	8 28 77		60.0		91.0		90.5		2
	9 25 77		58.0		93.0		92.5		2
	10 30 77		56.0		95.0		94.5		2
	11 27 77		56.0				94.5		2
	12 25 77		61.0		90.0		89.5		2
	1 29 78		67.0		84.0		83.5		2
	2 26 78		66.0		85.0		84.5		2
	3 26 78		71.0		80.0		79.5		2
	4 30 78		88.0		63.0		62.5		2
	5 28 78		83.0		68.0		67.5		2
	6 25 78		75.0		76.0		75.5		2
	7 30 78		69.0		82.0		81.5		2
	8 27 78		77.0		74.0		73.5		2
	9 26 78		80.0		71.0		70.5		2
	10 29 78		79.0		72.0		71.5		2
	11 29 78		83.0		68.0		67.5		2
	4 29 79		89.0		62.0		61.5		2
	10 26 79		90.0		61.0		60.5		2
	3 30 80		98.0		53.0		52.5		2
	10 [illegible]		86.0		65.0		64.5		2
	10 [illegible]		88.0				66.5		2
	11 [illegible]		90.0		61.0		60.5		2
	4 [illegible]		98.0				52.5		2
	11 [illegible]		81.0				69.5		2
	4 [illegible]		98.0		61.0		60.5		2
	10 [illegible]		98.0				60.5		2
1634	2 23 55		50.9		111.1	162.0	110.1	161.0	1
	5 [illegible]		46.6		115.4		114.4		1
	10 [illegible]		38.3		123.7		122.7		1
	11 22 55		40.0		122.0		121.0		1
	12 [illegible]		42.3		120.7		119.7		1
	1 [illegible]		42.5		119.5		118.5		1
	2 [illegible]		41.8		120.2		119.2		1
	4 [illegible]		39.6		122.4		121.4		1
	7 [illegible]		38.1		123.9		122.9		1
	8 [illegible]		35.3		126.7		125.7		1
	9 [illegible]		30.8		131.2		130.2		1
	10 [illegible]		28.6		133.4		132.4		1
	11 [illegible]		30.0		132.0		131.0		1
	12 [illegible]		32.0		130.0		129.0		1
	12 [illegible]		32.8		129.2		128.2		1
	1 [illegible]		33.8		128.2		127.2		1
	1 [illegible]		34.4		126.4		125.4		1
	1 20 57		36.3		125.7		124.7		1
	2 [illegible]		33.6		126.4		125.4		1
	2 [illegible]		34.6		125.4		124.4		1
	3 [illegible]		36.8		123.2		122.2		1
	4 [illegible]		36.8				122.2		1
	4 [illegible]		36.3		123.7		122.7		1
	5 6 57		35.2		126.8		125.8		1
	5 20 57		36.0		126.0		125.0		1

76W34 105 REV Cdb 11-53

SHEET 1

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION

33

WELL DATA

Owner: Tract #6192 Mutual Water Co. Users custodian J.C. Clifton, 11542 E. Walnut St, Los Nietos

Location and Description: In Los Nietos; 200' N. of ¢ Walnut St, 125' W of ¢ Norwalk Blvd; near alley in rear of J.L. Brant Machine Shop at #8619 S. Norwalk Blvd.

Use: Supplies water to 60 families.

Elev. of average grd. at well: U.S.G.S. Datum

Elev. of grd. adjacent to well: U.S.G.S. Datum

Water surface reference points:

(a) From To Elev. 155 How det.
Description: Plug opening in base of pump.

(b) From To Elev. How det.
Description:

(c) From To Elev. How det.
Description:

(d) From To Elev. How det.
Description:

Type of well: Size ~~8"~~ 10"

Original depth: ~~342'~~ 370' Soundings:

Pumping equipment: Pomona Centrifugal.

Power used: 60 HP electric

Capacity: Drawdown:

Date drilled: 8-9-1951 By Waterwell Supply

Artesian characteristics:

Quality of water:
Data from Matthews, LAWD, 3-31-54. No other well in this city block.

Remarks: Sampled by Mr. Lux a county employee, regularly. W.S. not read, but Mr. Clifton would like for F.C. to do so and tell him each time for his record. Other info. by phone from Joe Morris, Oxford 50081, J.L. Brant Oxford 55180, and J.C. Clifton, Oxford 55801; to Atkins, 11-10-54.
There was originally an 85' well 10 ft. from this well, same owner.

Well Numbers | Owner | No. 2S/11W-30Q1 | Loc. | F.C. 1623M

LOG OF WELL NO. 1623M

FROM	TO	CLASSIFICATION OF MATERIALS	FROM	TO	CLASSIFICATION OF MATERIALS

Perforations 152' – 157';
330' – 333';
342' – 346'.

Struck water at

Water level before perf. after perf.

Remarks Well log & other data in Confidential –
Well log files of the Advisory Section.

(over)

76W355 107 Qb 2-54

SHEET No. 2

LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT
HYDRAULIC DIVISION
WELL MEASUREMENTS

WELL No. 1623M

REF. POINT (a) ELEV. 155 FROM ____ TO ____

" " (____) " ____ " ____ " ____

" " (____) " ____ " ____ " ____

DATE	TIME	DIST. R.P. TO WATER SURFACE	ELEV. WATER SURFACE	OBSERVER	REMARKS
1954					
11-24	1300	—	—	Godfrey	Pumping - try early am.
12-2	1145	100.4	54.6	"	
-9	1240	100.1	54.9	"	
-21	09.30	99.6	55.4	"	
1955					
1-5	1105	99.1	55.9	"	
-13	1235	98.4	56.4	"	
-20	1450	98.65	56.35	"	
2-2	1220	98.3	56.7	"	
10-17	1440	107.5	47.5	"	
-24	1100	107.8	47.2	"	
11-7	1405	—	—	"	Pumping
22	1220	108.4	46.6	"	

WELL NO. 1623M

(OVER)